Sentinel Vision
SED-562
27 November 2019

3D Layerstack

Blackhawk landslide, San Bernardino Mountains, USA

Sentinel-1 CSAR IW acquired on **02 November 2019** at 13:43:39 UTC
Sentinel-2 MSI acquired on **05 November 2019** at 18:35:39 UTC

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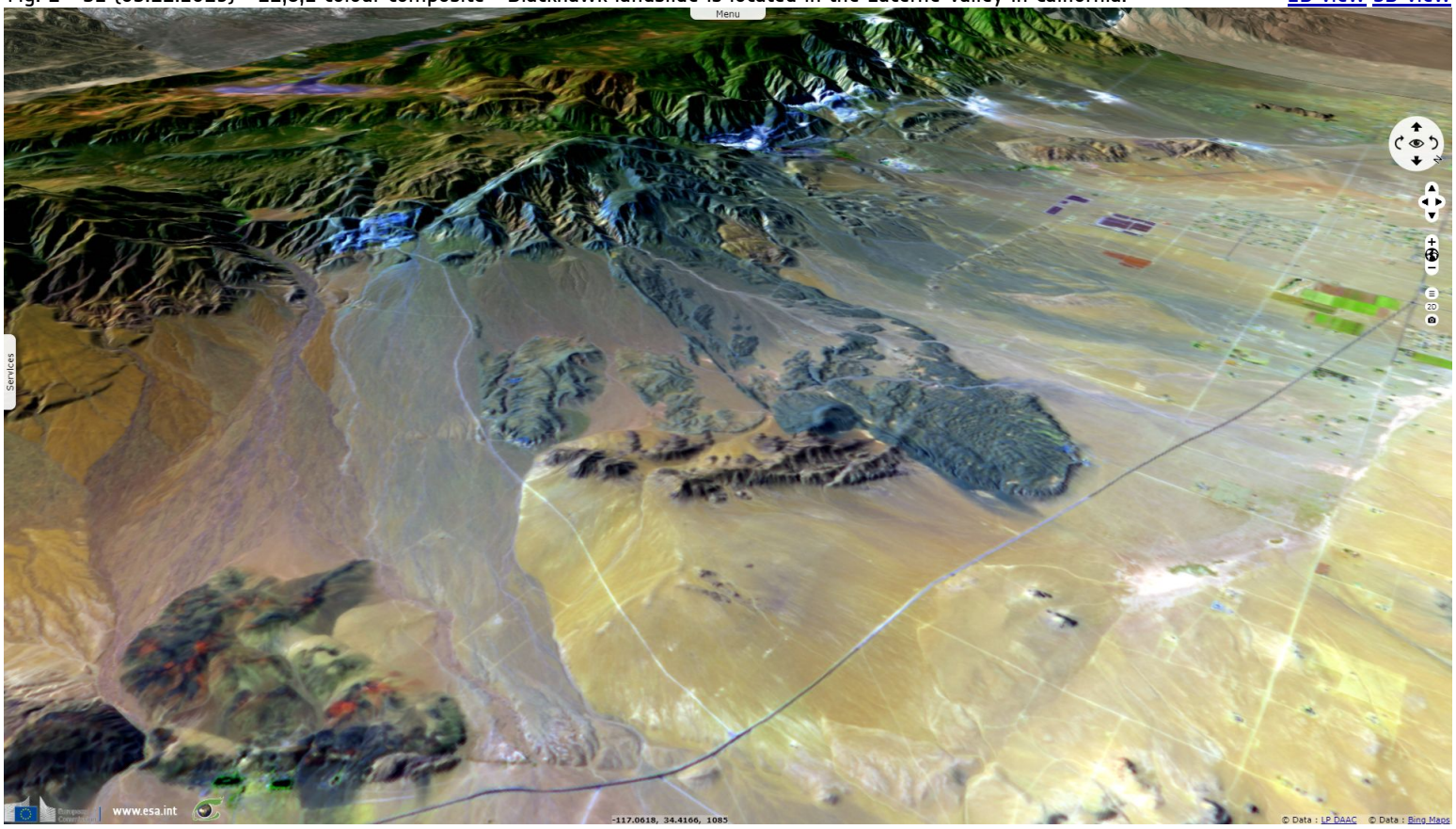
Fig. 1 - S2 (05.11.2019) - 11,8,2 colour composite - Blackhawk landslide is located in the Lucerne Valley in California. 2D view 3D view



It lies on the escarpment that divides the San Bernardino Mountains to the south from the Mojave Desert to the north.

Fig. 2 - 12,11,2 colour composite - According to Pr Dave Petley of the University of Sheffield it is about 18 000 years old. 3D view

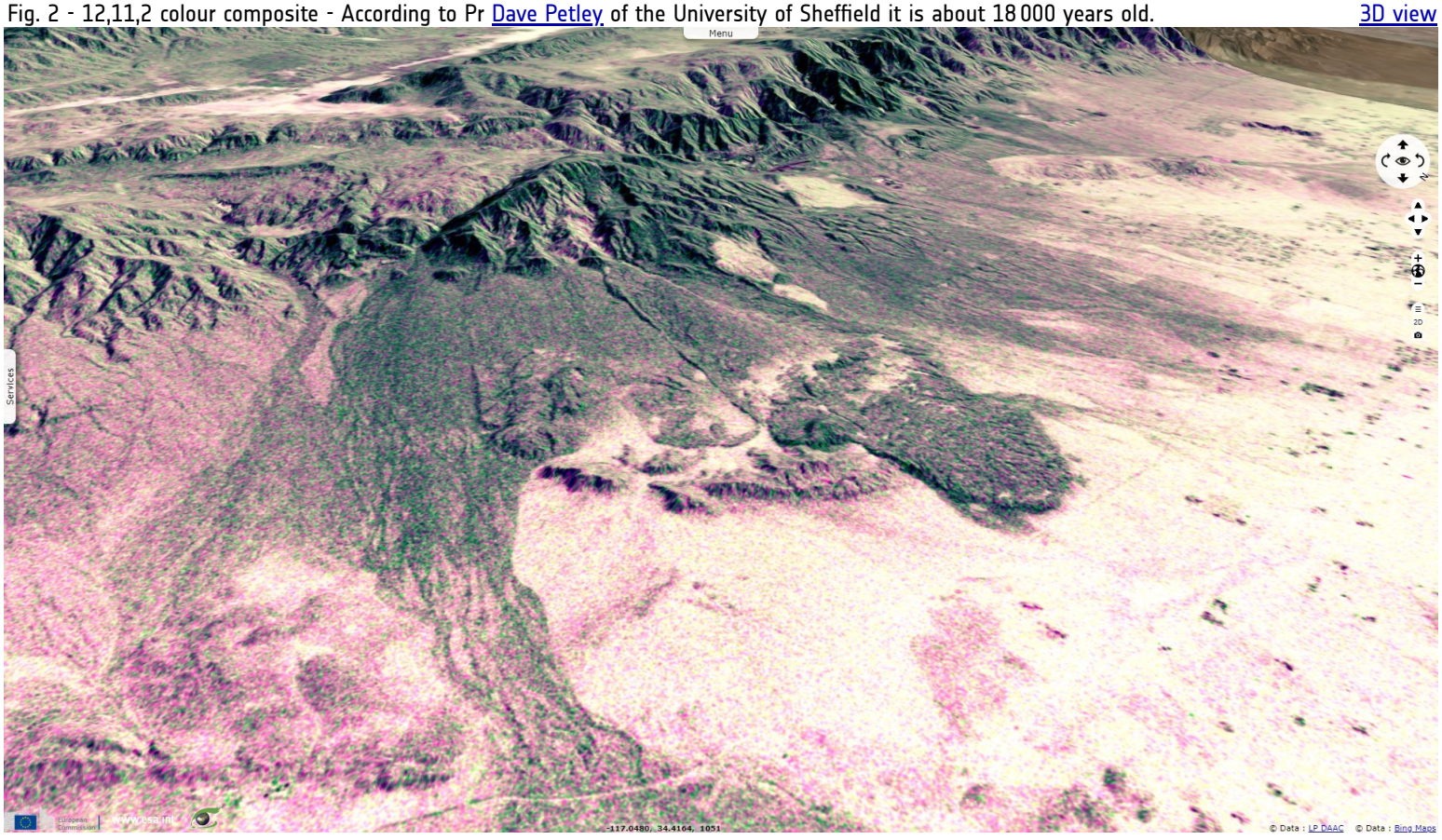


Fig. 3 - S1 (02.11.2019) - neg(vh,vv,vh) colour composite - He estimates its size at 300 million m3, 9 km long, up to 2 km wide & 30 m thick. 3D view

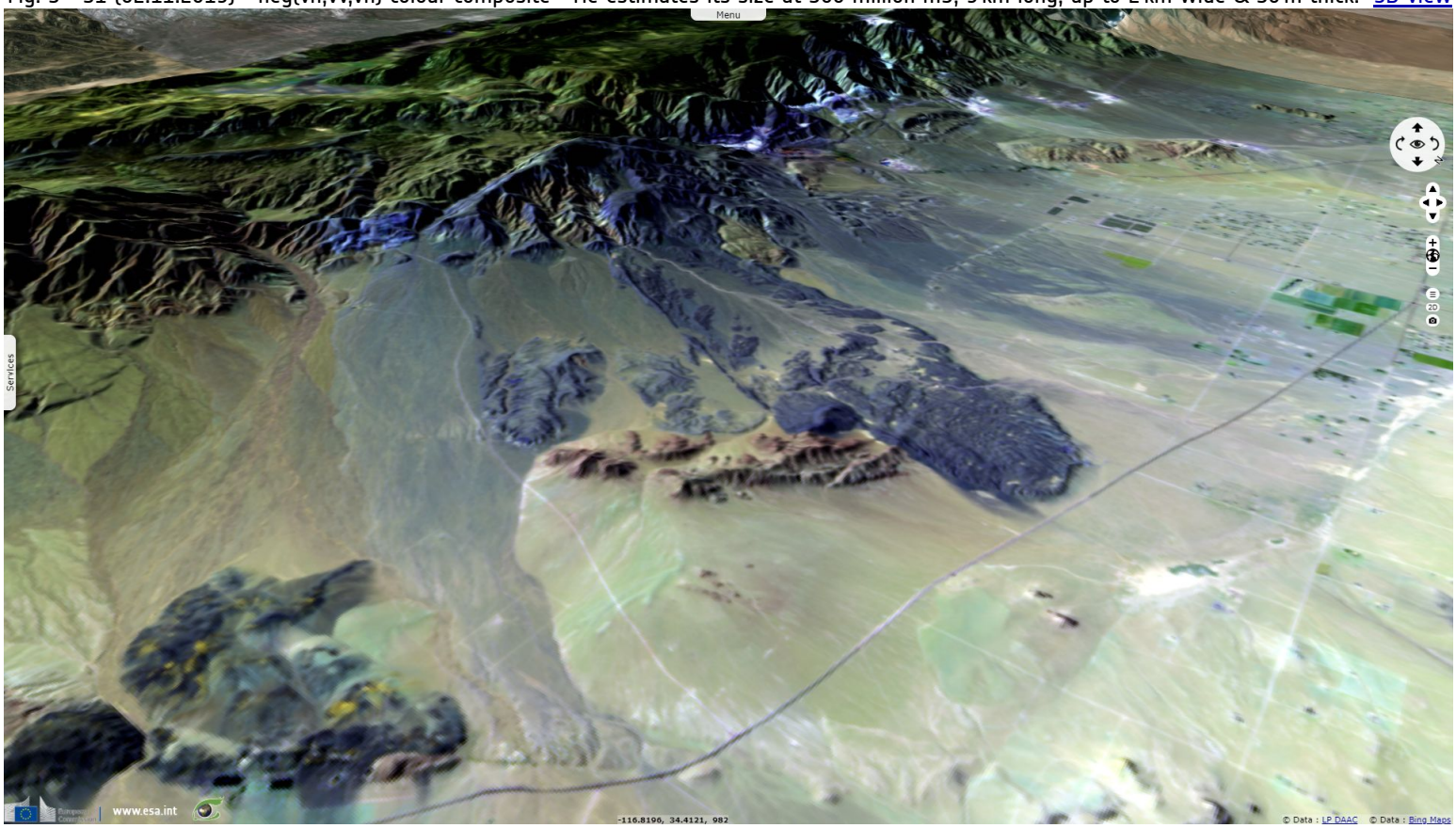
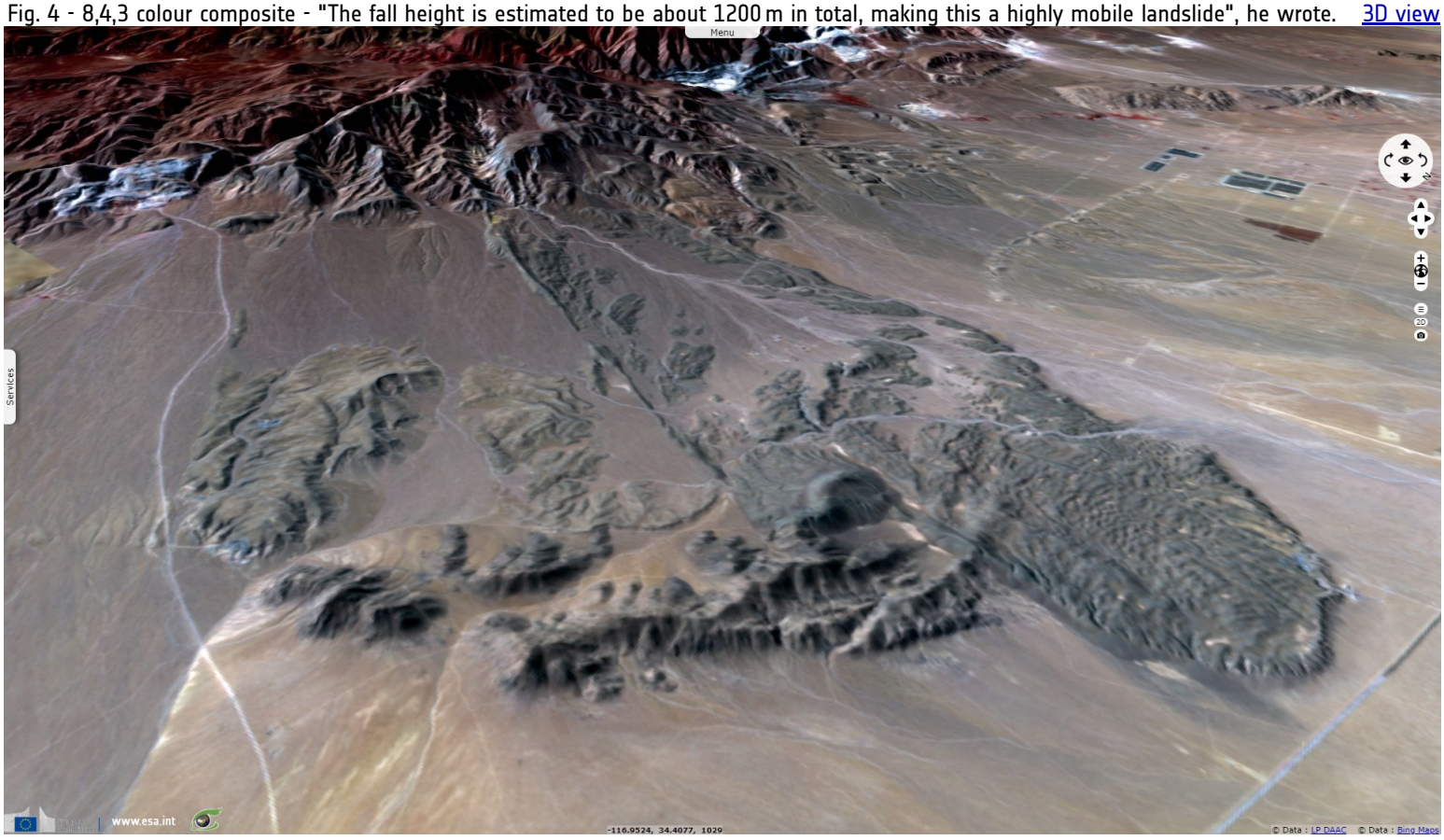


Fig. 4 - 8,4,3 colour composite - "The fall height is estimated to be about 1200 m in total, making this a highly mobile landslide", he wrote. 3D view



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